

III C: I. H IIE:::



$$\boxed{\zeta + \xi = 5.1.}$$

$$:E\xi \quad \zeta\odot \quad \parallel \zeta : \vdash \cdot \quad : \vdash \cdot \quad 1\odot\xi \quad \xi\odot = \cdot \quad \parallel \zeta\odot H =$$

$$H \parallel E :: :) \quad \vdots \cdot \quad +\odot\odot 1+ \quad +\odot\zeta\odot+ \quad \vdots \oplus 1\odot\xi +$$

$$E \equiv \quad \parallel \backslash \# \parallel \quad \vdash \zeta E \mid \quad \zeta + \xi =) + \vdash \odot + \quad \odot \parallel \vdash +$$

$$\parallel \cdots : \cdot \zeta \quad 1 \# 1 = 1)$$

$$\parallel \backslash \# \parallel \quad \vdash \zeta E \mid \quad \zeta + \xi =$$

$$\parallel \zeta : \vdash \cdot \quad H \parallel E :: = \odot \vdash \mid$$

$$E : + \odot \odot 1 + \quad + \odot \zeta \odot +$$

$$\parallel \parallel \# \parallel)$$

$$1. \quad \odot \quad 1\xi \quad 1\odot\xi \quad \xi\odot = \cdot \quad +E = + \mid \quad H + \mid \quad E ::)$$

$$\odot \quad :: \zeta \quad \zeta : \odot 1 + \quad \odot \vdash E =)$$

$$2. \quad \odot \vdash \cdot \quad E \equiv \odot \odot : \odot 1 \odot 1 \quad 1 \odot 1)$$

$$3. \quad \parallel \odot \odot : \cdot \cdot \quad \vdash \odot = \vdash = \quad = 1 \odot \mid \quad \odot \quad \zeta \odot 1 \quad \oint \parallel :: = 1$$

$$E + \zeta \oint 1 \cdot \quad H \parallel \odot \quad \parallel \cdots : \cdot \zeta \quad 1 \# 1 = 1 \quad \vdash 1\xi \quad + \parallel \vdash)$$

4. ||○○:.. 'O=+= =|OC:|' =|| H||O Hε
 ○E○○CE □β|· =||\○|)

5. ||○○:.. 'O=+= =|○○○|, □|○| H||O
 Hε ○↑:·H= □β|· □E|| :·|| |E|+)

6. ||○○:.. 'O=+= =|· || EHE |·E
 H||O Hε ○ |Oε=| □β|· E::○|)

7. ||○○:.. 'O=+= =○:|++|, H||O Hε
 ○ |'O=| +:|+)

8. ||○○:.. 'O=+= =| ○ □||· =||\○|
 H||O Hε ○ |' | □β|·)

9. ||○○:.. 'O=+= =|' | ||:Hε+ H||O
 Hε ○ |+=:○|, ○○○○○ |□β|·)

$$C + \varepsilon = 5.10.$$

10. $1100: \dots$ $1'0:1: = 1:0: \dots$ 111 $0: \dots 12$

$$\mathbb{H} \parallel \dots \parallel \mathbb{O} \mid \quad \vdash \mathbb{E} \mid \quad \mathbb{H} \parallel \mathbb{O} \quad \parallel \dots \vdash \mathbb{C} \quad \mid \# \mid \vdash \mid$$
$$H1E + 11 \vee$$

11. $1100 \therefore +10 = 11 = 0 + 11 \text{ N.I.I.} = 1$

$$\odot: 1 \cdot \dot{\cdot} = 1 \quad \odot: 1 \varepsilon \quad \odot: 0 \cdot \dot{\cdot} = 1 \quad 1 \varepsilon 1 \quad \ominus \dot{\cdot} + 1$$
$$\therefore \parallel \quad \text{H} \parallel \odot \quad E + \parallel \therefore \square \square)$$

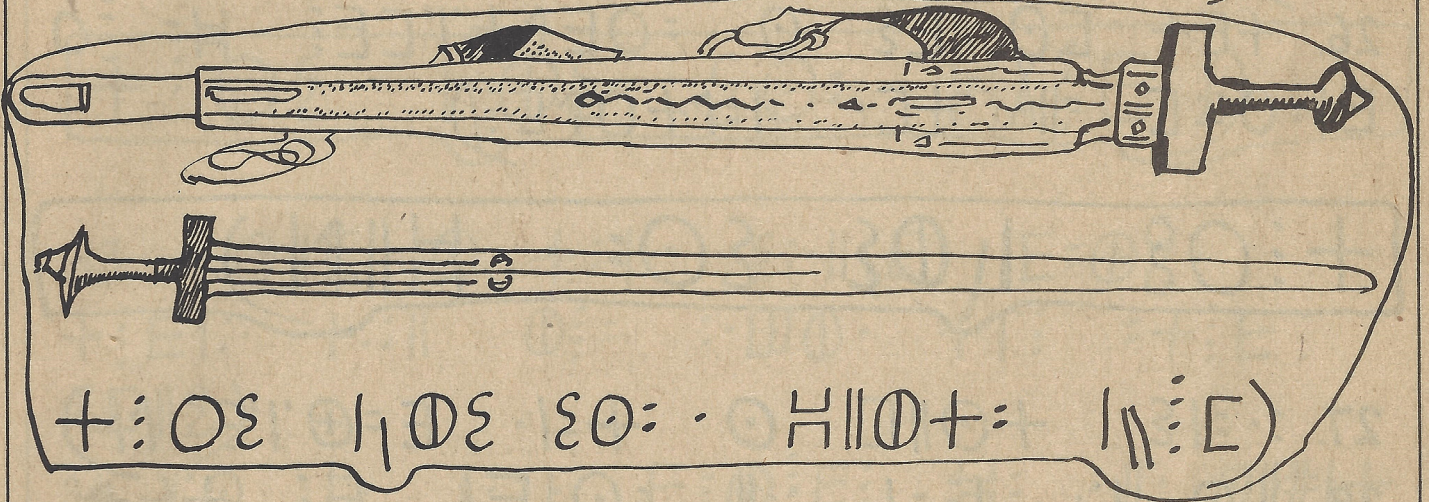
12. $E=++$ $H||=O+$ $H||O$ $[O::E|:]$ $E::||$

$$1=01 \quad E \equiv \#1=1 \quad +110 \quad EE \equiv \odot \quad \odot \div 1$$
$$0 \cdot 1 \varepsilon \quad 1 \oplus 1 = 1 \parallel 1 \quad E \cap C \parallel = 1 \cdot \varepsilon \parallel$$
$$E+ = 1)$$
$$+EC \quad IC \quad \rho_1 \cdot \quad [O] \quad M \quad OII: \quad E(O)$$

13. $\therefore = 1\epsilon + [0 \oplus 0 \oplus 0] : [CE] \therefore E \oplus 0$

□+ξ= 5.20.

ΕΗΟΟ+Ι =Ο↑+↑↑□ ||...□ |#|=| Η=)



+::Οξ Ι,Οξ ξΟ:- Η||Ο+= Ι\::□)

21. ::=Ιξ +Ο||□ Ο +:-Ι. ξ::||\Ε Ε=Θ↑::
 □Ι ξ↑↑ □Ι ΕΕ↑ξ+ ΕβΟ::)

22. ↑Ο Ι:: Ι::=Ι ::|| =↑↑ ||::□ Η||ΕΟΙ+
 ΕΕ↑ξ+ ΕβΟ:: =\ ξΕΟΙ+ Ο:: ::ξ
 =Ε□ =ΟΙ::ΟΕ Ε+=βΟ:: :Ο +Ε=+ Ι::□ΟΙ
 =↑↑↑, ΟΟ) =\ ξΕΟΙ+ ::ξ ΕΟ::||
 ::::ΗΟΙ Ε↑↑ +ΕΟξ ::Ο Η=)

23. Η||ΕΕ:: Ο Ε+=ξ:: +ΗΟ::Ι:: ΟΕ↑↑ ↑ΗΟ::=Ι
 +::+::Ε= Ο ΕΟΙ:: ↑↑Ο::ξ Η|| Ο+ ξΙ

24. ΟΟ= +ΗΟ::Ι:: Ε: Ε↑↑ ↑ΗΟ::=Ι ::ΕΟΙ::
 +↑Ο ↑||...Ο ↑Ο:: ΕΕΕΟΙ:: ΕΗΟΕξ +::||Ε=
 +::Η: +ΗΟ::Ι:: ΕβΙ.)

25. Ο +Ε=: Ε=:ξΙ ::ΟΙ:: +↑:: ΕΟΟ
 ||...Ο +ΟΕΕ ::Ο= +=ξΕ +Ο+ ΗΧ::ΟΕ.
 Ι::ξ::ξ Ο↑# ↑. ::ξ::Η: ξΟ#ξ ++=↑Ο: Ε:

[+Σ= 5.25.]

∴ 0 =)

26. +E+ [0 EΣ 0 =OE↑+'[EΣ H= ∴ 0
E|=0∴[=|| +[1=↑+O↑[Σ:]

[+∴OΣ 1\OΣ ΣO= · H||↑.]

27. ∴ =|Σ +O||[0 +=|. E=⊕'↑ N.)

28. ↑'O |· |Σ=| ∴|| =O=E| EΣ +↑+
H|| +↑+H ↑' N. EOO EΣ =||↑)

29. 0 ∴ Σ+O...O∴ β+|· +| ∴||
+∴O∴+ +↑'O∴+|) H∴ EΣ E⊙ ΣE·
EΣ +O||E|· =O×+↑'O ||[|· ∴||
EΣ +[OΣ)

30. 0 ∴ ΣO...O∴ H⊙|· =|Σ|| +||Σ∴|
+↑'O∴|) H∴ EΣ E⊙ ΣE· EΣ +O||E|·
=OE×↑' ||[|· ∴|| +[OΣ)

[+∴OΣ 1\OΣ ΣO= · H||[↑Σ |∴|)

31. +=|. +||O Σ[↑Σ| +↑+↑+ ∴H++
βO+ |Σ↑Σ |∴|)

32. ↑'O |· |Σ=| Σ[↑Σ| +↑+↑+ =⊕'·
N. ↑+ EΣ +O+ |N.) Σ↑||H| +↑+ +EΣ

$$\boxed{C + \xi = 5.32.}$$

++CΓε+ E||Θ|+ '· N· TE·)

+: OΣ I\OΣ ΣO=: · HX:E=I)

33. +O||C Θ +:|· ε:·||E E=⊕Σ:
+:EI:· +::|| O:= ::WΘ· +': =+:E:
ΣC||Σ)

34. 'O |· |::| E=⊕:E: H: =||· O||#|+
H||O |· ::#O· |Cβ|·)

35. =||· OCE|| H||O |· O:·O|| WOI+
=||· O:OC |#OO||C H||O |· :OC |Cβ|·
C|::|| =C::OI)

36. E=⊕:E: O:H|· H||O =⊕HO':
OC+Σ IXE I:H|· +OC||: εI CE:
+O::=||::=)

37. =|+|: ::|| ::|| Σ=||· CE: ::||:·||·)
='OI =WΣ H||E= O||O)

+: OΣ I\OΣ ΣO=: · H|| M|| E: βO:·
:O +EC :O:·)

38. +O||C O+=|· β+ H|| β+ βI H||β|)

39. 'O |· |::| E=⊕'E||: Σ=EC E:·'·=

$$\boxed{\Sigma + \Sigma = 5.39}$$

$$+ \parallel \odot \oplus \quad \Gamma \odot \quad \Sigma = +1 \quad \Gamma \Gamma \vdots \quad = \vdots \parallel \quad \square \parallel \Sigma \odot$$

$$E = + \quad = \vdots E \mid)$$

$$40. \quad \Sigma \odot \mid \quad E = \Sigma \quad \vdots \odot \mid \vdots \quad E \vdots \odot \quad \parallel \vdots \odot \mid \vdots \quad E \vdots$$

$$\odot \vdots \vdots \quad \Sigma \odot \quad + \vdots + \vdots + \mid \vdots \quad + \parallel \odot)$$

$$41. \quad \Sigma \vdots \Sigma \odot \vdots \odot \parallel \mid \quad \odot E + = \Sigma \vdots \quad \parallel \mid \vdots \quad \Gamma \square \quad \vdots \vdots X$$

$$+ \Gamma \vdots \odot \quad \odot \parallel \square \quad \vdots \vdots X)$$

$$42. \quad \Sigma E \vdots \vdots \quad \Gamma \square \Sigma \mid \quad \odot + \quad \vdots \vdots H \oplus =) \quad \Sigma E \vdots \vdots$$

$$\Gamma \square \Sigma \mid \quad H E \quad E \oplus = \oplus \Gamma E \parallel \vdots)$$

$$\boxed{+ \vdots \odot \Sigma \quad \parallel \odot \Sigma \quad \Sigma \odot = \vdots \quad H X \odot \cdot \mid \square \vdots \odot \mid \mid)}$$

$$43. \quad + \odot \parallel \square \quad \odot \quad + = \mid \cdot \quad \odot = \quad \square E = \mid \vdots \quad + \vdots \odot \mid \vdots$$

$$\square \vdots \odot \mid \vdots)$$

$$44. \quad \Gamma \odot \quad \mid \vdots \quad \mid \vdots = \mid \quad \odot = + \quad \square \vdots \odot \mid \mid = \mid)$$

$$\Gamma \square \Sigma + \quad \parallel \odot \odot \vdots \vdots \quad \Sigma = \vdots \vdots = \mid \parallel \vdots \vdots \mid \quad \Gamma + \quad \parallel \vdots \odot$$

$$\Sigma = \vdots \vdots = \mid = \odot \mid \odot \cdot) \quad + \odot + \quad H \parallel \quad = \sqcup = \vdots \Gamma \mid \mid \quad \odot \vdots \square \Gamma \parallel \mid$$

$$E \Gamma \Gamma \vdots = \mid)$$

$$45. \quad H \parallel \quad E + \vdots \parallel \square \quad \odot \odot \odot \mid \quad \mid \odot \mid = \mid \quad = \vdots \mid \quad \# \mid = \mid$$

$$H \parallel \odot \quad E \odot \Gamma \square E \quad + H \vdots \quad H \parallel \quad = \mid \parallel \odot \odot \mid \mid$$

$$E = \mid \parallel \vdots \mid \mid \quad \vdots \vdots = \quad \square \mid \quad \Gamma \Gamma \mid \cdot \quad \Sigma = \vdots \Gamma \Gamma \mid \mid \quad \parallel \vdots \mid$$

$$E = \vdots \Gamma \Gamma \mid \mid \quad \parallel \odot \odot \mid)$$

$$46. \quad \oplus \odot \square \quad = \vdots \vdots = \mid \odot \mid \mid \quad \vdots \odot \quad E = \oplus \odot E \square \quad \odot$$

$$C + \varepsilon = 5.46.$$

$$E + \text{'O} = C \quad (C O : E) = O \text{' : } \vdots O : E \quad 101$$

$$\Theta E = + \text{'I} \quad E \varepsilon)$$

$$47. \quad \odot \quad + \odot \odot \parallel C \quad C E O \varepsilon 1 = 1 \quad \vdots \odot = \oplus \text{'I} C$$

$$\text{'OI} = + \text{'I} \quad \varepsilon E \quad \beta \vdots \odot \varepsilon \quad H \parallel \odot \quad \vdots H O$$

$$= 1 = O I \text{'E} \varepsilon \quad C \beta \text{'I} \cdot + \text{'I} \quad E \varepsilon)$$

$$48. \quad \vdots = 1 \varepsilon \quad E \cdot \quad \vdots \text{'O} \odot \cdot \quad E + \vdots \parallel C \quad + E C$$

$$\vdots \text{'I} \quad \beta \parallel \text{'I} \quad \odot 1 = 1 \quad = \vdots 1 \quad \# 1 = 1)$$

$$+ \odot \odot 1 + \quad + \odot E \odot +$$

$$+ \vdots \odot \varepsilon \quad 1 \text{'O} \varepsilon \quad \varepsilon \odot = \cdot \quad H X \vdots \vdots \varepsilon \quad \vdots + \varepsilon)$$

$$1. \quad \otimes \vdots + C \quad E = \oplus \text{'I} C \quad + \vdots + 1 = 1 \quad H \parallel \varepsilon \quad 1 \beta + = 1)$$

$$\text{'I} + \quad 1 \varepsilon + \quad 1 E \varepsilon) \quad H \parallel \odot \quad \oplus + \text{'I} C \quad E \varepsilon$$

$$= O \text{'I} + \text{'O} = C \quad C O : E \quad \vdots O \quad \odot 1 = 1 \quad = \vdots 1 \quad \# 1 = 1)$$

$$2. \quad C O I \quad \oplus + \text{'I} \vdots \quad + \vdots + \varepsilon \quad E = \oplus \text{'I} \vdots \quad + \text{'I} C \text{'I} C +$$

$$E + \vdots \quad \beta \parallel \text{'I} \quad = + \text{'I} \quad \parallel H O \vdots 1 \quad E \varepsilon 1 \text{'I} \quad \vdots \odot \varepsilon = \parallel \cdot$$

$$E \vdots + O \varepsilon 1 \quad H \parallel \quad E + = \odot \vdots C O I \quad \vdots O \quad + E C) + E +$$

$$C \odot \quad E \varepsilon) \quad \text{'O} = 1 \quad \parallel \vdots 1 O I \quad C O E \cdot)$$

$$3. \quad \text{'O} \odot \quad \vdots \varepsilon \quad \oplus + \text{'I} \vdots \quad + \vdots + \varepsilon \quad E = O \odot I \quad H O I \vdots$$

$$= X \parallel \text{'I} + \quad = + \text{'I} \quad H O I \vdots \quad = 1 \vdots \parallel)$$

$$4. \quad H \parallel \quad E + \text{'I} \vdots \quad + \vdots + 1 \vdots \quad E \vdots \odot \odot) \quad \odot \vdots \vdots \quad \vdots 1 \varepsilon 1$$

$$= + + \text{'I} \vdots \quad E \vdots \odot \odot \quad \vdots \varepsilon \vdots H \vdots \quad C O : E \vdots$$

$$E \vdots 1 H \parallel \text{'I})$$

$$\zeta + \xi = 6.5.$$

$$+ : O \xi \quad | \backslash \oplus \xi \quad \xi \ominus = \cdot \quad H X = + O = |$$

$$5. \oplus + + O \zeta \quad E = \oplus :: || \zeta \quad \beta || \quad || H O :: |$$

$$H || \ominus \quad O | E + + O | \quad \oplus E E | \quad E : | \backslash \quad \vdash : O \xi$$

$$= || \cdot \quad E : \ominus \zeta | \xi \quad \vdash O \xi | \quad H || \quad + | \backslash \xi | \quad + E \zeta)$$

$$+ E + \quad \zeta \ominus \quad E \xi \quad \vdash O = | \quad || : | \ominus | \quad \zeta O E \cdot)$$

$$6. \vdash \ominus \quad :: \xi \quad \oplus + + O : \quad + \vdash \vdash : \quad \zeta \ominus \quad | : | : \quad + O$$

$$\xi \ominus | : \quad :: | \quad \ominus \ominus) \quad \ominus | : \quad + || \ominus \quad :: | \xi | \quad = + + \vdash :$$

$$E : \ominus \ominus \quad :: \xi : H = \quad \zeta O : E | : \quad E : \quad | H || \backslash)$$

$$7. E : \quad + = + O = | = | \quad E = \oplus \beta + \zeta \quad = || \backslash = | \quad \ominus | \backslash \quad \beta || \backslash$$

$$= + \vdash | + \quad + \beta + | \quad \beta | \quad = O | \backslash : \zeta \quad \xi \zeta \beta | \cdot) \quad :: || \backslash +$$

$$\ominus \quad E + = :: \ominus || \backslash + \quad + = + O = | \ominus | \quad H || \quad \vdash +$$

$$| = || \backslash \ominus | +)$$

$$8. E = \oplus :: || \zeta \quad \beta || \backslash \ominus | + \quad H || \ominus \quad \ominus | = | \quad \ominus | \quad = + O \zeta$$

$$:: O = \cdot \quad = \oplus + O \zeta)$$

$$9. H || E E : \quad \vdash + \quad + = + O = | \quad :: = | \xi \quad \beta || \backslash \quad = \cdot)$$

$$\xi \cdot \quad \ominus | \backslash : \quad :: | \quad \# | = |) \quad + = \ominus || \backslash + + \quad \ominus \zeta | : \cdot)$$

$$10. \ominus + E : \quad || \cdots :: \zeta | : \quad + = \vdash + \quad = + O : \quad E : E | +$$

$$\beta || \backslash \quad = \ominus \quad + = \vdash : \quad E : \# | = |)$$

$$11. + : H : | : \quad || E : \quad + + | \backslash : \quad + | \quad : \vdash ||)$$

$$12. + \ominus O H : | : \quad \zeta O : \ominus | \backslash : \quad \beta || + \quad | = \ominus \quad \vdash \ominus O H$$

$$\xi = \vdash = O = \ominus | \backslash \quad : O | \cdot)$$

$$\square + \xi = 6.13.$$

$$13. \quad E| = \oplus = \xi: \quad \odot E| \quad | \# \odot \odot \cdot) \quad \tau \odot \quad + \tau \tau: | : \\ E: \odot || \odot) \quad \xi | : \quad \square \odot \quad || \cdots : \square \quad +: \square \odot \quad E || \cdots \odot \square \cdot \\ : \odot \# = \square |)$$

$$14. \quad : \cdot E \quad + \odot \odot \# \square \quad \xi + E \square \quad \odot : \cdot E | \odot | \quad \odot | : | \\ E = | \odot \odot \# \quad \odot : \cdot E | = |)$$

$$15. \quad : \cdot E \quad = \oplus \odot \odot \# \square \quad \xi + E \square \quad \odot : \cdot E | \odot | \quad \odot | : | \\ = \odot = \times \odot \odot \# \quad = | = |)$$

$$+ : \odot \xi \quad | \odot \xi \quad \xi \odot = \cdot \quad \# || \tau \square)$$

$$16. \quad \oplus \tau \square \square \quad \square = \oplus : : || \square \quad \{ || \quad || \# \odot : : |) \quad \tau | \xi \\ \odot \square + \xi | \quad E \square = | \odot | \quad \oplus : \cdot \times \oplus \quad \# || \quad E \odot | \# || || \\ \xi + E \square \odot \quad \tau \square |) \quad + E + \quad \square \odot \quad E \xi \quad \tau \odot = | \\ || : | \odot | \quad \square \odot E \cdot)$$

$$17. \quad \tau \odot \quad : \cdot \xi \quad \oplus \tau \square : \quad + \tau = \xi : \quad : \# | : \cdot \quad + \{ \odot E : \\ E \square | : \cdot$$

$$18. \quad \# || \quad E = \oplus \odot | \# || : \quad \tau \square | : \cdot \quad \xi + E \square \quad \tau \odot \\ \xi \odot | : \cdot \quad = : | \quad \odot \odot) \quad \odot | : \cdot \quad : : | \xi | \quad = + + \tau : \quad E : \odot \odot \\ : \cdot \xi : \cdot \# = \quad \square \odot : \cdot E | : \cdot \quad E : \quad | \# || \cdot)$$

$$+ \tau \odot \tau \oplus \quad E : \# | : |)$$

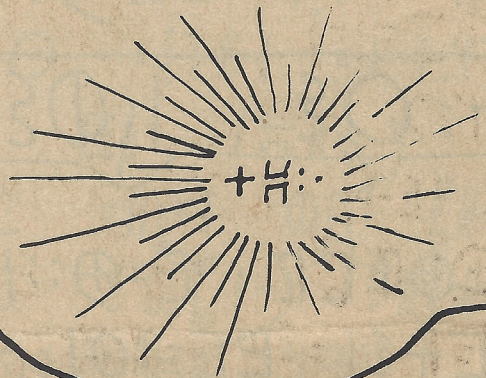
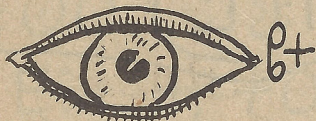
$$19. \quad E = \oplus \odot \odot E \xi : \cdot \square \quad + \tau \odot \tau \oplus \quad E : \quad E | +) \quad E :$$

$\square + \xi = 6.19.$

$E| + \rho = \vdots = 1 + | \vdots : \rho E| + 0 + \vdots \parallel) \oslash E'|$
 $+ \parallel \oslash \oslash E| \mid + \vdots \oslash |)$

20. $'\oslash \oslash \oslash E \xi \vdots + + '\oslash '\oslash E \vdots \parallel \# | +$
 $\# \parallel \square | = |) E \vdots \parallel \# + = 0 \vdots \rho E| + + \vdots = 1 + | \vdots$
 $= \parallel \cdot = 0 \oslash E| \oslash E'| \mid + \vdots \oslash |)$

21. $E'| = + \vdots + '\oslash '\oslash | \vdots \vdots 0 = \vdots \vdots$
 $= \parallel \vdots)$



$10 \mid \parallel \square)$

22. $\# + \parallel \cdot \mid \parallel \square \mid = E \square \rho + + + \square \oslash |) E \vdots E \xi$
 $\vdots E + \oslash \vdots + \rho + | \vdots E'| \vdots 10 \parallel \square \mid \vdots \vdots \parallel)$

23. $\square \rho \mid \rho + | \vdots \vdots E = \oplus \oslash \vdots + E'| \vdots | + \rho \xi \xi$
 $\parallel \square \mid \vdots \vdots \parallel) E \xi \vdots E 10 = \vdots \xi \vdots 1 \square \oslash \rho \xi \xi$
 $E'| + | + \rho \xi \xi = 0'| \vdots)$

$\square \rho \mid \cdot E + '\oslash '\oslash \oplus)$

24. $= 0' \# 0' = \parallel \xi \mid E \rho \vdots \parallel \square \oslash = \oslash \rho \mid \# \parallel \oslash$
 $E \vdots \oslash \mid \xi \mid 0 = = \vdots E \mid \square E \vdots E \chi \vdots \xi \mid \parallel \vdots =$

$$\begin{aligned} & \vdots \vdots EI) = OI + H O' I' C \quad E + \beta \equiv II C \quad C \beta I. \\ & + I' O' I' \oplus) \end{aligned}$$

$$(I' I' I \quad O C \beta I. \quad E I C \# \# II \quad I C E O I, \quad E I H)$$

$$\begin{aligned} 25. \quad & EE \vdots \quad H II \quad E = I \vdots \quad E = \oplus \beta = \beta C \quad H II \\ & + C E \oplus I = I \quad = + + + C \quad C E \vdots \quad = + O O C = II. \\ & H II C = I = I \quad = + I + O II O C) = O' I' \vdots \quad + C E \oplus \\ & + I' O \quad + + \Sigma \quad II C \quad I' O \quad + II O \Sigma) \end{aligned}$$

$$\begin{aligned} 26. \quad & I \Sigma + \quad I' E E \quad I \# I = I \quad = O I O II \quad = \oplus II \Sigma I \\ & = \oplus \vdots C \beta I \quad = II. \quad E \vdots \quad + E I' = I \quad C \beta I \quad \beta + \beta I \\ & O I = I \quad = \vdots I \quad II \# I +) = O' I' \vdots \quad C \beta I. \quad O O' I' O \vdots = I \\ & E' I' E E) \end{aligned}$$

$$\begin{aligned} 27. \quad & C I \Sigma \quad E \vdots = I \quad = H O' I' I \quad \beta + \Sigma \quad I' I' O + I + \\ & O \vdots II \quad \Sigma W \vdots \quad O \beta = \beta I +) \end{aligned}$$

$$\begin{aligned} 28. \quad & C H II \quad + \beta = \beta C \quad H X II O \Sigma) \quad II C E + \quad = + I' I \\ & \Sigma II + I \quad = I \# I' = I \quad H II \quad E E = II \quad = O \beta \vdots II \quad = \oplus II C I) \end{aligned}$$

$$\begin{aligned} 29. \quad & I' O \quad I \vdots = I \quad = II. \quad I O \Sigma \quad O II C I \quad E \vdots \quad II \dots O C I + \\ & \vdots II \quad = O' I'. \quad + II O \Sigma \quad + I' E + \quad E \beta I \quad \Sigma I \quad E \vdots O I \\ & \beta \vdots O \Sigma) \end{aligned}$$

$$\begin{aligned} 30. \quad & I C. \quad O II O = \quad C \beta I. \quad \Sigma II + I \quad = I O H \\ & = I \vdots I \quad E' I' I O I \quad I I E. \quad + = I' O I \quad E \vdots + C O \Sigma \\ & + H + \quad = O' I' \vdots \quad II \vdots I O \quad \vdots = I O II O = \quad \vdots = I \Sigma \end{aligned}$$

$$\square + \xi = 6.30.$$

ע"ה תר"ל - ש"ס)

31. $\pi \parallel EE: \quad E = \overline{\oplus}_6 = \overline{\rho}_C + 1 \quad C \cap 1 + \overline{\rho}_C =$

$$CM \neq CM \cap \emptyset = \emptyset$$

32. $+p+1$ $p!$ = OMEGA $[p!]$. $1 \cdot [1] + 0 + 1$

$$= \Psi \varepsilon \quad \therefore \parallel) \quad E \varepsilon \quad \odot 1 \quad \odot 1 = 1 \quad = \therefore 1 \quad \# 1 = 1$$

④トOC)

33. $10 \quad 1 \Sigma + \quad + 10 \quad || \dots \vdash \square \quad 1 \square \int 1.$

$$E = |E| + 1 = 0 + 1 = 1 \quad \therefore \text{II})$$

34. $E = \oplus \beta = \beta \square \quad \text{H X H}^{\circ} + \quad \text{H} \parallel \odot \quad + \text{H} + \quad E \cdot + \text{H} \cdot$

$$1 + \rho = \rho \cdot \gamma \quad \therefore \gamma = \frac{1}{\rho} \quad \parallel \quad \parallel \cdot \quad |\varepsilon| + 10 \therefore |\varepsilon| = E O' T' E I)$$

+ 001 +

十

○ 3 +

$$E = \oplus \circ \circ \circ \square$$

Σ Σ Ε

$$E + \therefore + = \square$$

60:

100

1. $E = \oplus \int_0^1 \mathbb{C} \quad \cong \quad E = 1 \quad = 0 + \dots + 0 = \int_0^1 \mathbb{C}$

2. $\pi \parallel \odot$ $\rho \odot :: = + + ' \square$ $\Sigma + E \square$ \vdash

$$E = \lambda + "1" \quad \therefore = |E \cdot) \quad \therefore + \quad 1 = 0 \quad + \therefore + [\quad \vdots$$

① $E = X + \dots + \dots = |E|$

3. $\text{CH}_2 + \text{H}_2 \rightarrow \text{CH}_4$ $\text{CH}_2 + \text{H}_2 \rightarrow \text{CH}_4$

$$1^{\circ}0 = \oplus \equiv 1 \pmod{2} \quad 1^{\circ}0 = \equiv 1 \pmod{6+1 \pmod{2}}$$

4. $\square \vdash \square \oplus \top : \text{Σ}(\text{EO}) | \cdot \quad \overline{\text{ΣΣ}} \quad \text{E} :: \circ :$

$$[O] : E : [+] : : E : : N' O [+] :$$

$$\boxed{\zeta + \xi = 7.5.}$$

5. $\zeta \cdot \parallel \text{H} \odot :: \cdot \odot \quad \text{I}' \text{O} \quad \text{E} :: \text{P} + \vdots \cdot + \text{I} \text{O}$
 $\text{E} \text{H} \text{O} \quad \text{E} \xi \quad + \vdots \odot :: \quad \text{C} \odot \parallel :: \quad \text{E} :: \text{P} + \quad \text{I} \text{C} \text{E} \text{O} \vdots \cdot$
 6. $\text{E} = \oplus \vdots \text{H} \text{C} = \parallel \parallel \text{I} \quad \text{E} \text{I} \quad \vdots = \text{W} = \text{O} \text{C} \parallel \backslash \xi \text{I}$
 $\text{I}' \text{O} \vdots = \text{I}) \quad \text{E} = \oplus \text{I}' \text{O} \text{C} \quad \text{E} \text{H} \text{I} = \text{I}' = + \text{I} \vdots \text{I}' = \text{I} = \text{I}$
 $\text{E} + \parallel \text{E} \xi \text{I} \quad \text{H} \parallel \quad + \text{I} = \text{O} \vdots \cdot \parallel \text{I} \quad \odot \text{E} \text{O} \text{I} \odot \text{I})$

$\boxed{++0+ \quad \text{I}' \text{C} \xi + \quad \text{I}' ++ \quad + \odot \vdots \oplus \quad \text{I} \text{C} \xi}$
 $\text{I} \vdots \text{I})$

7. $++0+ \quad \vdots = \text{I} + \vdots \cdot \text{H} = \cdot) \quad \text{I}' \text{C} \xi + \quad \text{E} + \text{I}' \text{O} = \text{C}) \quad \text{I}' ++$
 $+ \odot \vdots \oplus \quad \text{I} \text{C} \xi \quad \text{I} \vdots \text{I} \quad \text{E} \text{C} \text{O} = \quad \text{H} \parallel = \text{I})$
 8. $\vdots \parallel \quad = ++0 = \text{I} \quad \text{I}' \text{O} = \quad = \text{I}' \text{C} \xi \text{I} \quad \text{E}' \text{I}' \text{O} = \quad = \text{I}' + \text{I}$
 $\text{E} \odot \text{C} \text{O} = \cdot)$

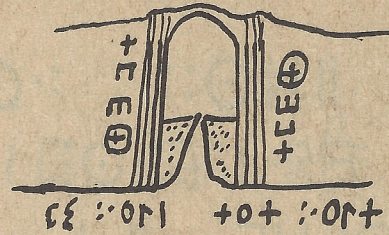
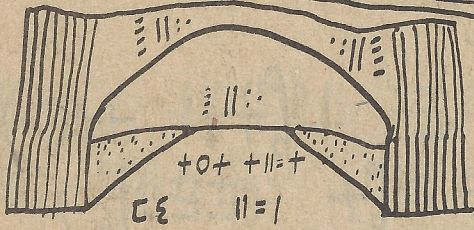
9. $\text{C} \text{I} \xi \quad \text{E} :: \text{I} \quad = \text{I}' \cdot \text{H} \text{I} \quad \text{O} \text{O} \text{O} \quad + \vdots \text{I} \quad \odot \quad \odot \xi$
 $\odot \text{O} \text{E} \xi)$

10. $\text{C} :: \quad \odot \quad \odot \xi \quad \vdots \text{H} \xi \quad + \vdots \cdot \text{H} = \quad + \text{P} \chi)$

11. $\vdots \cdot \text{E} \quad \vdots = \text{I} \xi \quad = \parallel \odot \odot \text{I} \vdots \quad + \parallel \text{C} \text{E} \text{C} \quad \text{E} + \text{I}' \text{C}$
 $\text{P} \text{I} \text{H} \cdot \quad \text{P} \text{I} \parallel \vdots \text{I} \vdots \quad \text{C} \text{E} \text{I} = \text{I} \quad = \text{O}' \text{I}' :: \quad \parallel \vdots \text{I} \odot$
 $\vdots = \text{I}' \cdot \text{H} = \quad \odot \text{I} = \text{I} \quad = \vdots \text{I} \quad \# \text{I} = \text{I} \quad \text{O} + \text{I} \quad \parallel \vdots \text{I} \vdots$
 $= \text{I} + \odot \text{I} \vdots)$

12. $\text{O} + \quad \vdots \parallel \quad = \oplus \text{O} \text{C} \quad \text{E} = \text{I}' \text{I}' \text{I} \quad + \text{E} \text{C} \quad \text{I}' + \text{O} \text{I} ::$
 $\text{P} \parallel \backslash \quad = \text{W} \vdots) \quad \text{H} \parallel \odot \quad + = \text{O} + \quad \text{E} \parallel \vdots + \odot \text{I} \quad \text{I} \odot + \text{I}$
 $\text{C} \vdots \text{I} \odot \text{I} \quad \text{E} \xi)$

$$\square + \xi = 7.13.$$



∴ OM □ ⊙ □ ξ || ... □ | □ β | .

13. '1' + ⊙ □ ξ ∴ OM) H || ⊙ □ ξ || = 1 + 0 +
+ || = + + + + = ξ + ⊙ E' 1 : || ∴) ξ ' + 1 , + || ⊙
= + + ' 1 ' 1 ,)

14. '1' ⊙ □ ξ ∴ OM + 0 + ∴ OM + + + = ξ +
⊕ □ E ⊕) E ⊙ ⊙ 1 , + || ⊙ = + + ' 1' 0 = 1 ,)

□ | ξ = ⊙ NO | || ... || | + E □)

15. '1' + 1 ξ + ξ 1 ⊙ + 1 ⊙ : = : 1 : 1 + ⊙ 1 , || ⊙
X E I I H E) ' 1' ⊙ E : = || 1 , ⊙ 1 β 1 0 ξ = 1
= : ⊙ + 1 , □ ⊙ 1)

16. □ E I = 1 β 1 , β : 1 □ ⊙ 1) 0 + 1 0 1
⊕ X + 1 E ξ □) + + □ E □ + 1 ξ E : β :
|| β 1 ,) □ : + + □ E □ ⊙ 0 : 1 E : ξ ||
|| β 1 , : || : || .)

17. β 1 , E E : β : || : 1 : || + 0 = 0 + 1
|| : 1 ,) ' 1' ⊙ β : || ⊙ ⊙ 1 + 0 = 0 + 1 || ⊙ ⊙ 1 ,)

$$\square + \xi = 7.18.$$

$$18. = 0 \text{H} 0 \text{I} \quad \rho: \quad \parallel: 1 \quad EO = 0 + 1 \quad \parallel \text{O} \text{O} \text{I} \text{I})$$

$$= 0 \text{H} 0 \text{I} \quad \rho: \quad \parallel \text{O} \text{O} \text{I} \quad EO = 0 + 1 \quad \parallel: 1 \text{I})$$

$$19. \therefore \rho: \quad = 0 \text{I} + 0 = 0 + 1 \quad \parallel: 1 \text{I} \quad E + = \dots \text{I} \text{O}$$

$$+ = \text{I} \text{O} \quad E: + \square \text{O} \xi)$$

$$20. \text{H} \parallel \text{E} \text{E}: \quad \square \text{E} \text{I} = 1 \quad \text{O} \text{O} + 1 \text{O} \text{I} \quad \oplus \text{X} + \text{I} \text{E} \xi \square)$$

$$21. = 0 \text{I}: \quad \therefore \parallel = \text{E} \xi \text{I} \text{I} \text{I} \quad \xi. \quad \square \rho \xi \quad \xi. \quad \square \rho \xi$$

$$\text{I} \text{I} \text{I} \quad \parallel \dots \therefore \square \quad \text{I} \# \text{I} = 1 \quad \text{I} \text{O} = + \text{I} \text{I} = 0.$$

$$\text{O} \text{I} \text{I} = \therefore \text{I} \quad \# \text{I} = 1)$$

$$22. \xi \text{I} + 1 \text{I} = \text{W} \text{I} \text{I} \text{I} \quad \text{E}: \quad \text{N} \parallel = \text{I} \text{O} \text{E} \xi \quad \xi.$$

$$\square \rho \xi \quad \xi. \quad \square \rho \xi = 0 \text{I}: \quad \text{I} \rho = \parallel = \parallel \quad \text{I} \square \rho \text{I}.$$

$$\text{E}: \quad \text{O} \square \text{I} \text{I} \text{I}) = 0 \text{I}: \quad \text{O} \text{O} \square \text{I} \text{I} \text{I} \quad \text{O} \quad \text{I} \text{I} \text{O} \quad \parallel \# \text{I} \text{I})$$

$$= 0 \text{I}: \quad \text{O} \text{O} \square \text{I} \text{I} \text{I} \quad \text{O} \quad \text{I} \text{I} \text{I} \quad \text{I} + 1 \quad \text{I} \text{I} \text{O}$$

$$\text{I} + 1 \text{I})$$

$$23. \text{E} \text{E}: \quad \text{E} \text{O} \text{I} \text{I}: \quad = 0 \text{I} \text{I} \text{I} \text{I} = 1 \text{I} \text{E} \xi \text{I}) \quad \text{H} \parallel + \xi$$

$$\text{I} \text{O} \text{O} + \parallel)$$

$$\square: \text{O} \text{O} \text{I} \quad \rho \text{I})$$

$$24. \text{E} \xi \quad \therefore \parallel = \text{O} \parallel \text{I} \quad + \text{I} = 1 \text{I} \quad + \text{I} \text{I} + \text{E} \text{I} \square = \parallel$$

$$\text{E} \square \parallel \xi \quad \text{I} + \xi = \therefore \text{O} \text{O} \text{I} \quad + \text{I} \text{I} \text{E} \text{I} + \text{H} \parallel \therefore \rho = 0)$$

$$25. = + \quad \therefore \text{I} \text{I} \text{I}) \quad \text{O} \text{W} = \text{I} \text{I} + 1 \text{I}) \quad \text{I} \text{I} \text{O} \text{W} = \text{E} + 1 \text{I} + 1$$

$$\text{H} \text{X} \text{I} \text{E} \quad + \text{W} \text{I} \text{I}) = \oplus \text{E} \quad \text{H} \parallel \text{O} \quad + \text{I} \text{O} \text{O} \dots +$$

$$\text{O} \text{O} \text{I} + \text{E} \text{I} \text{I} \text{I} \text{I} = 0)$$

$$26. \therefore \parallel = \odot \parallel \mid + \mid = \mid \mid = \oplus \mid + + \mid' \quad E \mid \zeta = \parallel$$

$$E \zeta \odot \therefore \parallel = \therefore \odot \odot \mid + \therefore \uparrow \uparrow \mid + E \therefore \uparrow \uparrow \parallel$$

$$27. = + \therefore \mid \therefore \mid \odot \omega = \therefore \mid + \mid \therefore \odot \omega = E + \mid$$

$$\mid' + \mid \text{HX} \therefore \uparrow \uparrow + \omega \therefore + E \therefore \mid' E \parallel \mid + \zeta \therefore \odot \mid$$

$$28. \mid' \odot = \odot E \mid \odot \xi \xi \odot = \cdot + \mid = \mid \beta \omega \xi$$

$$\therefore \mid \therefore \text{H} = \mid \mid + E \zeta \text{HX} \therefore \odot \mid +$$

$$29. \text{H} \parallel \odot \odot \odot \mid \oplus \therefore \zeta \odot \mid + \mid \zeta \beta \mid = \odot \mid \therefore$$

$$\beta \parallel + \mid \zeta \odot \mid \odot \mid \mid + = \odot +$$

1. +0: ::ξ0H0= Cβ1. E: +C0ξ +JC=)
 +0: ::0= . E+: :: ||#|+) Eξ 01 ⊕C0:
 100::E)
 H10 Cβ1. 1.)

=⊕||. ||:1 =||ξ1)

H10 +EC ::|| '1 0::EI)

=0=EI ||...OC. 1Cβ1.)

||:: 10::E +E+T '10

+::ξ +1Cβ1. +CE⊕ +::||+

E: 0C 1ξ0= . ||C0H= C||1:)

2. Cβ1. ::H. 10ξ ξ0= . ||C0H= E0TC 0::EI:)
 Cβ1. 1.)

10ξ ξ0= . ||C0H= 0T T. C1+

0::EI: E: ||C1+ H1β:)

10ξ ξ0= . ||C0H= 0T= H1 0::EI:)

:OE= E: +C+T H1 ::E 1:

E+ Cβ1.)

1: 10ξ ξ0= . ||C0H= C::0 1+EC

::|| =0EO: H1 Eξ::|| +EC ::||

'10 H1E::|| ::||ξ 101 E::H: C1

H1 E0TC: 0::EI 1+EC '1+1)

10ξ ξ0= . ||C0H= 10 1::= +0+

+0+ +1 ||#|+

1: = +E+ 1: = +CE⊕) = ⊕||.
= 101 011 : 110. : 01 + 10)

3. C11 = = EC H|| E+ = 040 =)

111 0101 10 = . ||C0H =

+11C1: E: 0 E: 00H 11 = ||1:

⊕: 0E 1C1 = 1||+11 1C1.)

+0 E: 0: E1: : || ||: C 101 10 = . ||C0H =)
C11. 1.)

: || = 1: 0111 101 10 = . ||C0H = = 11111

00C1+ : 0 = . : H1 + 011 + 1E: ||1

0001 1C1.)

101 10 = . ||C0H = 1.) 0EE: E+ + 0: ⊕

1C1 1: 11 +: + 0: ⊕) : E = EC E0|| =

C0||1 0 = C1 1: 1) E11: : 00

EE0: : E00 + + 1. : 0 = .

E01E0 = + + 1)

+ = + 01)

1. C11. 0: E =) C0: 100: E) 00HE =)

0||+ = ||= 11) 111: 0||C0H =) 0+ = H|| 0: E11.)

111: 0 : 0E = E: + C + E0 : 0 = .)

EE: H|| + H01: E+ 040:) 0401 C0E.)

E: 0C 110 = . ||C0H =) C1)

